**Fixing Publisher data**

We have a production database that stores data for each publisher, including

a path to a file containing a list of ids. An issue was discovered where this

file specified is not pointing to the correct version of the file. We need to

update every publisher in the database so that the file specified is referring

to the correct version in the folder. However, the location where these files

exist contain multiple versions of the file, so we need to find the

most recent version of the file and then update the database so that it has

the most recent file.

Each publisher is identified by a unique 6 character code and this code is used

as the prefix for the publisher's corresponding file.

The publishersFileList.txt contains a list of the files found in the AWS S3 bucket.

The databasePublishers.json represents the data in the database, where each entry

contains information about each publisher.

The task is to write a small Java program to update the database so each publisher has

the correct file - in this case, create an output json file like the

databasePublishers.json file where the publisher file refers to the latest version of the file.

Next, create a web application that would expose an endpoint to trigger this

feature so that the database is updated (or in this challenge, a new output

file is generated).

**Further questions:**

* How did you test your program?
* What issues did you run into?
* What assumptions did you make in your program?
* Would you make any changes if there were millions of rows in the database?